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From : Winston Hsu, Registration No. 41,526

Serial No.: 10/708,442

Attorney Docket No.: AITP0007USA

**Subject: Response to the Office Action mailed on 01/21/2005
and Information Disclosure Statement**

Total Pages: 28 pages (including cover page)

Winston Hsu 03/04/2005

AITP0007USA0_A2_1,D1_2

PTO/SB/57 (09-04)

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(1) Transmittal Form	1 PAGE
(2) Fee Transmittal	1 PAGE
(3) Response to the Office Action	15 PAGES
(4) Information Disclosure Statement (IDS)	9 PAGES

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PTO/SB/21 (03-04)
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/708,442	
	Filing Date	03/03/2004	
	First Named Inventor	Tien-Tzu Chen	
	Art Unit	2816	
	Examiner Name	CUNNINGHAM, TERRY D	
Total Number of Pages in This Submission	26	Attorney Docket Number	AITP0007USA

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> After Allowance Communication to TC
<input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
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<input type="checkbox"/> Certified Copy of Priority Document(s)	Remarks	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		<input type="checkbox"/> Other Enclosure(s) (please identify below):
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Firm Name	North America Intellectual Property Corporation	
Signature	<i>Winston Hsu</i>	
Printed name	Winston Hsu	
Date	03/04/2005	Reg. No. 41,526

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PTO/SB/17 (12-04)

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FEE TRANSMITTAL For FY 2005		Complete If Known	
Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4918).		Application Number	10/708,442
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Filing Date	03/03/2004
TOTAL AMOUNT OF PAYMENT (\$)		First Named Inventor	Tien-Tzu Chen
0.00		Examiner Name	CUNNINGHAM, TERRY D
		Art Unit	2816
		Attorney Docket No.	AITP0007USA

METHOD OF PAYMENT (check all that apply)

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FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
	Fee (\$)	Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

Total Claims **Extra Claims** **Fee (\$)** **Fee Paid (\$)** **Multiple Dependent Claims**
_____ - 20 or HP = _____ x _____ = _____ **Fee (\$)** **Fee Paid (\$)**
HP = highest number of total claims paid for, if greater than 20
Indep. Claims **Extra Claims** **Fee (\$)** **Fee Paid (\$)**
_____ - 3 or HP = _____ x _____ = _____
HP = highest number of independent claims paid for, if greater than 3

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets **Extra Sheets** **Number of each additional 50 or fraction thereof** **Fee (\$)** **Fee Paid (\$)**
_____ - 100 = _____ / 50 = _____ (round up to a whole number) x _____ = _____

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other: _____

SUBMITTED BY			
Signature	<u>Winston Hsu</u>	Registration No. (Attorney/Agent)	41,526
Name (Print/Type)	Winston Hsu	Telephone	302-729-1562
		Date	03/04/2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**HIGH EFFICIENCY CHARGE PUMP WITH PREVENTION FROM
REVERSE CURRENT**

Appl. No. : 10/708,442 Confirmation No. 2441
Applicant : Tien-Tzu CHEN,
Guang-Nan TZENG
Filed : March 3, 2004
TC/A.U. : 2815
Examiner : CUNNINGHAM, TERRY D
Docket No. : AITP0007USA
Customer No. : 27765

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RESPONSE TO NON-FINAL OFFICE ACTION

10 This paper is responsive to the Non-Final Office Action mailed on January 21,
2005, having a shortened statutory period for response set to expire April 21, 2005.
In light of the Amendments and/or Remarks herein, further examination is requested.

Amendments to the claims are reflected in the listing of claims which begin on
page 2 of this paper.

Remarks/Arguments begin on page 11 of this paper.

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